**Human Impact on the Puget Sound**

* Go to <https://www.seattletimes.com/seattle-news/environment/hostile-waters-orcas-killer-whale-puget-sound-washington-canada/>
* Read one of the 5 parts of “Hostile Waters: Orcas in Peril”
  + I am reading Part \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Answer the questions below

1. Each article includes information about orca biology, life cycle, or behavior. What information did your article give about each of these topics?
2. Each article includes graphics. Please sketch and/or describe what information was included in these graphics, and why it is important to the key point of the article
3. Each article describe how humans have changed the Puget Sound (or California Coast). Please describe these changes, and explain why they were made. What benefit did humans get out of changing the ecosystem?
4. Each article describes some kind of disturbance to a system in the Puget Sound. For each system, check off if it is effected, and describe how.

|  |  |  |  |
| --- | --- | --- | --- |
| System Name | Disturbed? | How the cycle should work  (in relation to orcas.) | How the system is effected |
| Carbon Cycle | Yes  No |  |  |
| Water Cycle | Yes  No |  |  |
| Ecosystem/ Food web | Yes  No |  |  |
| Orcas’ Life Cycle | Yes  No |  |  |
| Orcas’ Internal Systems | Yes  No |  |  |

1. Each article discusses solutions that will help orca populations recover. What solutions are presented? And what (if any) progress are humans making towards those implementing solutions?

We have been learning about how humans affects the environment. Use what you and your group have learned about the Orcas of Puget Sound to fill out the table below

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Summary of Key points of the article | What systems are disrupted, and what was the effect? | Who benefits from these disruptions? | Solutions presented |
| Part 1: Why are Puget Sound’s orcas dying? |  |  |  |  |
| Part 2: How a generation of killer whales was taken from the Puget Sound |  |  |  |  |
| Part 3: HUNGER |  |  |  |  |
| Part 4: THE ROAR BELOW |  |  |  |  |
| Part 5: CHASING A MEMORY |  |  |  |  |